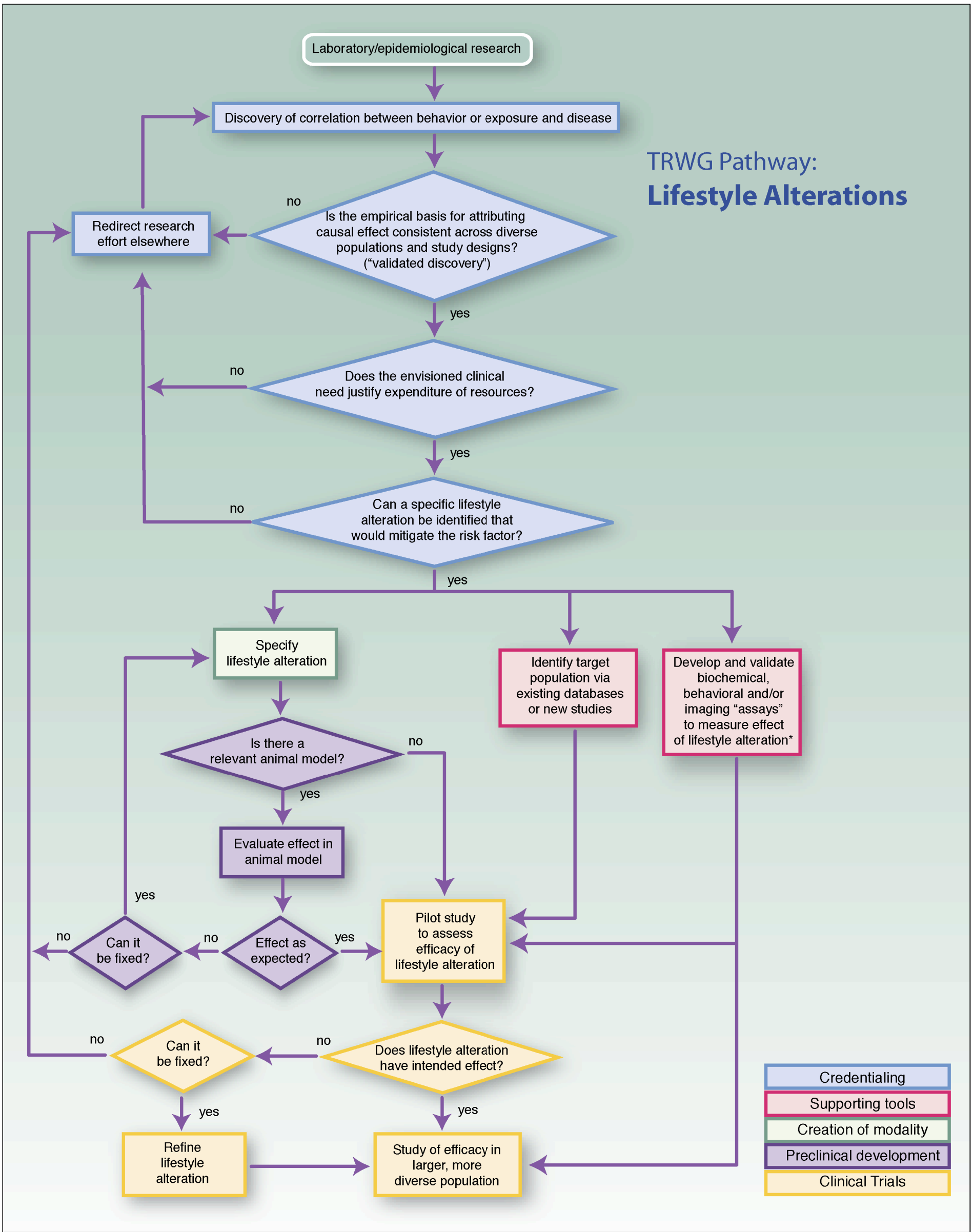
TRWG Pathway:
Lifestyle Alterations
Laboratory/epidemiological research
Discovery of correlation between behavior or exposure and disease
Is the empirical basis for attributing causal effect consistent across diverse populations and study designs? ("validated discovery")
no
Redirect research effort elsewhere
yes
Does the envisioned clinical need justify expenditure of resources?
no
yes
Can a specific lifestyle alteration be identified that would mitigate the risk factor?
no
yes
Specify lifestyle alteration
Identify target population via existing databases or new studies
Develop and validate biochemical, behavioral and/or imaging "assays" to measure effect of lifestyle alteration*
Is there a relevant animal model?
no
yes
Evaluate effect in animal model
Effect as expected?
no
yes
Can it be fixed?
no
yes
Pilot study to assess efficacy of lifestyle alteration
Does lifestyle alteration have intended effect?
no
yes
Can it be fixed?
no
yes
Refine lifestyle alteration
Study of efficacy in larger, more diverse population
Credentialing
Supporting tools
Creation of modality
Preclinical development
Clinical Trials